

Original: Fish Division  
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INSTITUTE FOR FISHERIES RESEARCH Institute for Fisheries  
DIVISION OF FISHERIES Research  
MICHIGAN DEPARTMENT OF CONSERVATION  
COOPERATING WITH THE  
UNIVERSITY OF MICHIGAN

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REPORT NO. 896

NOTES ON THE PLANTING OF JAW-TAGGED RAINBOW TROUT  
IN PORTAGE LAKE, HOUGHTON COUNTY, MICHIGAN

by

George N. Washburn

Two hundred legal-sized (7" to 9") rainbow trout were furnished by the State Fish Hatchery at Watersmeet from their Cook's Run rearing station for an experimental planting in Portage Lake. The planting was requested by Bert DeVriendt of Houghton. Each fish was measured for total length and equipped with a metal jaw tag bearing a serial number. The fish were tagged on April 24 and 25, 1943 and planted in Portage Lake on the 26th. They were transported to the lake in a planting truck and arrived in good condition. The trout were placed in the lake about 1.8 miles north of Chassell in Portage Township, T. 54 N., R. 33 W., Sec. 20 (southeast quarter).

The lake at planting date was mostly covered with ice; the only open water was a narrow strip along the shore extending out in the lake about 100 feet. The water at this location was brown in color and the shore was covered with stamp mill sand, also of the same color. As there are stamp mills located on the north end of the lake, this sand has probably been carried down to its present location by wind-wave action. The water temperature of the shallow water along the shore was 42°F.

This site for planting the trout was selected after due consideration of several facts: It was thought desirable to plant the fish as far away as possible from the fresh stamp mill sands as these may carry some residual

toxic substances harmful to these fish; also this planting location was close to some of the deepest water of the lake (according to local fishermen). We were not in favor of planting these trout in the south end of the lake (Pike Bay) because of the presence of large pike and shallow water in this vicinity.

It is hoped that by tagging these fish we may be able to secure a little data as to growth, migration, and survival which may have some bearing upon future plantings in this body of water. Mr. Willson of Chassell, local druggist, has agreed to publicize the planting and to help in obtaining records of capture in his vicinity. Also at Houghton, Mr. Bert DeVriendt of 206 Cooper Street has agreed to cooperate in this way. He assured us of his desire to be of assistance in publicizing the planting and in requesting reports of tagged fish.

Jaw-tagged Rainbow Trout Planted in Portage Lake, Houghton County, Michigan,

Portage Township, T. 54 N., R. 33 W., Sec. 20.

Planted April 26, 1943 by George Washburn

Tag Number	Total Length	Tag Number	Total Length	Tag Number	Total Length	Tag Number	Total Length
37751	180	37772	184	37793	183	37814	172
37752	197	37773	214	37794	205	37815	198
37753	164	37774	185	37795	184	37816	176
37754	183	37775	212	37796	173	37817	179
37755	189	37776	190	37797	179	37818	184
37756	211	37777	216	37798	245	37819	208
37757	178	37778	178	37799	205	37820	200
37758	218	37779	162	37800	196	37821	185
37759	169	37780	173	37801	175	37822	201
37760	183	37781	199	37802	202	37823	197
37761	176	37782	212	37803	211	37824	186
37762	186	37783	203	37804	176	37825	184
37763	192	37784	176	37805	176	37826	152
37764	169	37785	202	37806	206	37827	218
37765	193	37786	173	37807	195	37828	162
37766	177	37787	191	37808	184	37829	163
37767	182	37788	204	37809	194	37830	168
37768	175	37789	223	37810	197	37831	207
37769	189	37790	161	37811	173	37832	179
37770	186	37791	215	37812	180	37833	191
37771	191	37792	162	37813	215	37834	166

Tag Number	Total Length	Tag Number	Total Length	Tag Number	Total Length
37835	182	37886	166	37937	184
37836	202	37887	201	37938	185
37837	203	37888	198	37939	196
37838	185	37889	185	37940	208
37839	204	37890	197	37941	207
37840	192	37891	215	37942	177
37841	201	37892	202	37943	193
37842	192	37893	234	37944	183
37843	188	37894	215	37945	170
37844	197	37895	218	37946	195
37845	179	37896	230	37947	193
37846	198	37897	216	37948	201
37847	210	37898	193	37949	171
37848	190	37899	200	37950	174
37849	225	37900	202		
37850	204	37901	182		
37851	191	37902	185		
37852	196	37903	211		
37853	199	37904	197		
37854	181	37905	188		
37855	204	37906	177		
37856	196	37907	181		
37857	197	37908	218		
37858	163	37909	207		
37859	166	37910	180		
37860	179	37911	202		
37861	172	37912	190		
37862	178	37913	223		
37863	172	37914	193		
37864	180	37915	197		
37865	154	37916	209		
37866	193	37917	197		
37867	179	37918	217		
37868	176	37919	170		
37869	173	37920	197		
37870	175	37921	189		
37871	178	37922	178		
37872	175	37923	187		
37873	197	37924	170		
37874	173	37925	180		
37875	190	37926	183		
37876	173	37927	169		
37877	175	37928	181		
37878	178	37929	177		
37879	233	37930	187		
37880	211	37931	189		
37881	179	37932	170		
37882	170	37933	164		
37883	200	37934	182		
37884	190	37935	183		
37885	176	37936	193		

INSTITUTE FOR FISHERIES RESEARCH

By George N. Washburn

Report approved by: A. S. Hazzard

Report typed by: V. M. Andres